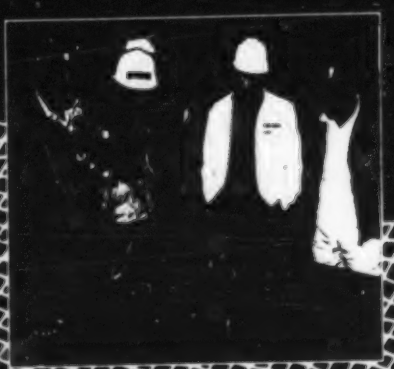
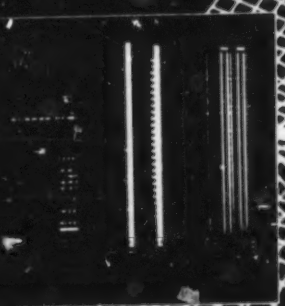
Economic Development And Trade

Trade Development Division

Alberta Training Services Index





Alberta
CANADA

MESSAGE FROM THE MINISTER

I am pleased to introduce the 1987 Alberta Training Services Index, a directory of some 70 companies and institutions providing applied, job-related training.

Support services are an integral aspect of international marketing: Alberta companies and institutions are recognizing this importance by presenting professional, well-designed training programs.

In many instances, Alberta companies are trading with customers in developing countries where training is an important element of project completion. Through such programs we can ensure the effective transfer of technology.

This index of Alberta's private and public sector training capabilities represents a wealth of resources for applied, job-related training. It is intended for commercial contacts in Alberta's priority trade markets. As well, it should serve as a convenient reference for Canadian agencies and organizations when they are approached about meeting training needs from overseas contacts.

We salute those Alberta companies and institutions who are rising to the challenge of international training needs, and encourage employers or other sponsoring organizations to access the great variety of training services they provide.

Larry R. Shaben
Minister
Economic Development & Trade

TABLE OF CONTENTS

I INTRODUCTION

i — The Province of Alberta

ii — How to Use the Training Services Index

II TRAINING SERVICES

1 — Section I • Training Organizations

5 — Section II • Oil & Gas Training

17 — Section III • Other Specialized Training

22 — Section IV • Post Secondary Institutions

III COURSE INDEX

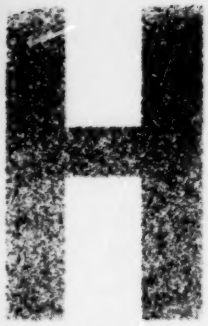
THE PROVINCE OF ALBERTA

One of the ten provinces of Canada, Alberta is located in western Canada. It comprises an area of some 661,000 square kilometers and has a population of 2.4 million. Approximately half of all Albertans live in or near Edmonton and Calgary, the province's two largest cities.

Once largely dependent on agriculture, Alberta is now known as the "energy province". It provides over 80 per cent of the nation's conventional crude oil production and is by far Canada's largest producer of natural gas. Alberta is also a reservoir of massive amounts of coal and has developed tremendous capabilities in the production of synthetic crude from its vast oil sands reserves.

In building on the province's traditional strengths, Albertans have developed capabilities in such new and exciting fields as medical research, bio-technology, lasers, micro-electronics and the design of computer software. The province has a highly-developed transportation and communications infrastructure, is financially stable, culturally diverse, rich in natural resources, and has a skilled and energetic workforce.

Alberta has the largest area of preserved parkland in Canada, including the internationally-famous Banff and Jasper National Parks situated in the Rocky Mountains. Alberta is a world-class centre for winter sports and in February, 1988, Calgary will be the host city for the XV Olympic Winter Games.



HOW TO USE THE TRAINING SERVICES INDEX

Organizations are listed alphabetically under four major clasifications: training organizations; oil and gas training; other specialized training; post-secondary institutions. Individual listings provide pertinent information as to specialties, qualifications and experience. Unless otherwise indicated fees or costs are listed in Canadian dollars. If training fees are not listed this will usually mean that program or course fees are to be negotiated between the training organization and the client. In any event tuition fees and other financial aspects should be confirmed when arrangements are being made. In most cases the capacity of the companies or institutions to accommodate overseas participants is limited, particularly for Alberta-based training, so it is important to allow for adequate lead times when scheduling training.

Those intersted in training services should directly contact the organization which is offering the program or course(s).

If you require other information on specialized course development, please write or contact:
Alberta Economic Development and Trade
Project Development, Trade Development Division
11th Floor, Sterling Place
9940 - 106 Street
Edmonton, Alberta
Canada T5K 2P6
Telephone: (403)427-4809
Telex: 037-2197

II TRAINING SERVICES

SECTION I • TRAINING ORGANIZATIONS

1 Alphatel Systems Ltd.

1 The Banff Centre School of Management

2 Banff School of Advanced Management

2 Basic Manpower Training International Ltd.

3 Canada Training Group Inc.

3 CBTS - Computer Based Training Systems Ltd.

3 Centre For International Education & Business

4 The Centre For Training and Development

4 Dalcor Innoventures Ltd.

4 The Training Group Inc.

SECTION II • OIL AND GAS TRAINING

5 Adams Pearson Associates Ltd.

5 Alberta Petroleum Industry Training Centre

5 Alberta Summer Institute For Petroleum Industry Development

6 Ballatar Resources Limited

6 Bow Valley International Consulting Inc.

7 Canadian Stratigraphic Service Ltd.

7 Challenger International Services Ltd.

7 D.B. Robinson & Associates Ltd.

8 G. Pye Seminars

8 Hugh W. Reid & Associates Ltd.

8 Hycal Energy Research Laboratories Ltd.

8 Hyprotech Limited

9 Intercomp Resource Development & Engineering Ltd.

9 Leduc Safety Service Ltd.

10 Norward Energy Services Ltd.

10 Novacorp International Consulting Ltd.

11 Nowsco Well Service Ltd.

11 N.W. Miller & Associates Ltd.

11 Oilfield P.M. Services Inc.

12 Petrel Consultants Ltd.

12 Petroleum Industry Training Service

13 Petrophysical Consultants International Ltd.

13 Portatrain On-Site Training Ltd.

13 Porteous Engineering Limited

14 Quantel Engineering (1981) Ltd.

14 Servipetrol Ltd.

14 SKM Consulting Ltd.

15 Teknica Resource Development Ltd.

15 Technifluids (Division of Trans-Canada Resources Ltd.)

15 Upgrade Unlimited

16 Westburne Drilling

16 Willowglen Systems Ltd.

SECTION III • OTHER SPECIALIZED TRAINING

17 Alta Telecom International (ATI)

17 Associated Mining Consultants Ltd.

17 Canadian International Training Institute For Water Resources (CITIWR)

18 C-FER: Centre For Frontier Engineering Research

18 Commonwealth Seager Group

18 Compu Draft Services Ltd.

19 Coopers & Lybrand Consulting Group

19 Cyclone Engineering Sales Ltd.

20 The DPA Group Inc.

20 Komex International

20 K.R. Nichol & Associates Ltd.

21 MHL International Limited

21 Monenco Limited

SECTION IV • POST SECONDARY INSTITUTIONS

22 Fairview College

22 Grant MacEwan Community College

22 Lakeland College

23 Lethbridge Community College

23 Mount Royal College

24 Northern Alberta Institute of Technology

24 Olds College

25 Red Deer College

25 Southern Alberta Institute of Technology

26 University of Alberta

26 University of Calgary

27 Westerra Institute of Technology

TRAINING ORGANIZATIONS

ALPHATEL SYSTEMS LTD.

11430 - 168 Street
Edmonton, Alberta T5M 3T9
Ph: (403) 451-5761
Contact: Dr. Robert A. Abell
Founded: 1981

Provides consulting services and product development in the field of technology-based education and training. Alphatel can develop and implement paper-based, computer-based and/or video-based instructional material for any subject area. The company can provide the technology, the hardware and software package to run computer-based training programs in any environment. The company has experience in developing education technology for governmental and post-secondary institutions in Alberta.

- PROGRAMS OR COURSES
  Specializes in computer-based training and exhibits for a wide variety of subject matter.
- STAFF
  Staff is qualified in all areas of education and technology including computing, curriculum development, courseware development and testing, and distance education.

THE BANFF CENTRE SCHOOL OF MANAGEMENT

P.O. Box 1020
Banff, Alberta TOL OCO
Ph: (403) 762-6122
Telex: 03-826657
Contact: Mr. G. Peter Greene, *Director*
Founded: 1953 (*Affiliated with The Banff Centre for Continuing Education*)

The Banff Centre School of Management offers some 50 management education seminars, workshops and conferences in Banff, across Canada, and overseas. Over 1,000 middle to senior-level managers, executives, and independent experts from business, government, natural and cultural resources sectors have attended these programs. Sixty five per cent of participants normally come from within Canada, 30 per cent from central and eastern Canada, and five per cent from other countries. While the program focus is on general management, several industry-specific management sessions are presented.

- PROGRAMS OR COURSES
  Courses and seminars are offered on various topics in the management studies program, the resource management program, and cultural resources management programs.
- STAFF
  A core staff of professionals is responsible for program design, marketing, delivery and evaluation. The annual teaching faculty of 200 people is drawn from North American universities, businesses, governments, and the ranks of practising professionals. Instructors are selected on the basis of having a practical focus, in addition to professional qualifications and ability to work with experienced managers.
- FACILITIES
  Extensive facilities include residential capacity for 200 (single rooms), classrooms, auditoriums, theatres, etc. These facilities are normally available from August through June of each year. There is a 16-station micro computer lab using IBM-PC XTs (with color graphics) plus mobile teaching station equipped with modem and video projection unit.
- TRAINING FEES
  Courses vary between three days to three weeks and residential cost plus tuition ranges from $695.00 to $7,500.00.

BANFF SCHOOL OF ADVANCED MANAGEMENT

P.O. Box 1020
Banff, Alberta TOL OCO
Ph: (403) 762-6126/6127
Telex: 03-826657
Contacts: Mr. C. G. Bullis, *President*
Ms. G. Hadley, *Administrative Officer*
Founded: 1952 (*Sponsored by the Universities of British Columbia, Alberta, Saskatchewan and Manitoba*)

Provides advanced management training for middle and senior management levels. Program is designed to broaden perspectives, improve analytical skills and provide an overview of the nature of management functions. BSAM is specifically directed towards Canadians and Canadian institutions. The program provides a particularly valuable insight into the structure of Canadian institutions and management practices which is potentially of interest to overseas students who wish to develop trade contacts in Canada. BSAM's training capacity for overseas students is limited to approximately ten to 15 participants per session. BSAM provides a unique opportunity for overseas participants to work closely with middle and senior-level executives from Canadian public and private institutions.

- PROGRAMS OR COURSES
  Advanced management training in areas of human resource development, managerial functions and technology, the economic environment and policy processes. Six-week sessions are held twice a year at a cost of $7,000.00 per participant which includes tuition, text and course materials, accommodation and meals.
- STAFF
  Lecturers are drawn from participating or other universities. Most have Ph.D.'s and extensive experience in economic development programs.
- FACILITIES
  BSAM has access to the facilities of the Banff Centre which include residential and classroom space, computer terminals for assignments. Library has a wide range of current business and business press publications, reference texts, etc.

BASIC MANPOWER TRAINING INTERNATIONAL LTD.

3702, 609 - 8th Street SW
Calgary, Alberta T2P 2A6
Ph: (403) 262-1535
Telex: 038-22696 BMTIC
Contact: Mr. Jean-Marie Bergman, *President*
Founded: 1982 (*Affiliated with Basic Group of Companies*)

Service is essentially that of educational/training brokers. Approach is to study the client's needs, then design a full program to meet them. The uniqueness of this service is to cover all aspects of the training program (financing, building plans if necessary, in-service training on the client's premises or training in North America). Basic understands the training needs of overseas adults and the industrial area (oil and gas, mining, computers, etc.) as defined with the client. The company does not wish to limit its training programs by subject matter; but rather provides services which are complementary to those of equivalent manufacturers or existing institutions.

- PROGRAMS OR COURSES
  Training-needs assessment, design and implementation of human resource development programs. Custom-designed overseas courses delivered at the client's premises. Delivered courses in oil production in Daqing, China and heavy machinery maintenance in Latin America.
- STAFF
  Staff have experience in education administration, delivery of special training programs for native people of Canada, and background in computer sciences and architecture.

CANADA TRAINING GROUP INC.

1A, 3650 - 21st Street NE
Calgary, Alberta T2E 6V6
Ph: (403) 250-3130
Contacts: Mr. Dave Smith, *President*
Mr. Tim Allan, *Office Sales Manager*
Founded: 1980

Provides training principally in three areas: human resource development; various types of technical training; loss control, safety procedures and first aid. Trainee programs have been presented across Canada with subject matter adapted to a variety of industry settings.

- PROGRAMS OR COURSES
  Basic electrical maintenance and emergency repair, high voltage maintenance, industrial instrumentation, hydraulic systems maintenance, digital control and fork lift operations, safety and H2S instruction. Courses vary between one and five days.
- STAFF
  Staff have qualifications and experience in teaching electronics, hydraulics, heavy equipment and microprocessors. Management/supervisory training in team building, leadership and supervision, employee motivation, stress management and professional sales.

CBTS - COMPUTER BASED TRAINING SYSTEMS LTD.

135, 6715 - 8th Street NE
Calgary, Alberta T2E 7H7
Ph: (403) 275-1680
Contacts: Dr. M. G. Massey-Hicks
Mr. Alec Stephen
Founded: 1981

CBTS develops systems for the management and administration of education and industrial training. The education spectrum includes the primary/secondary school system, technical colleges and universities. CBTS systems are presently being used by firms in the chemical industry and public utilities. The training program includes the functions of "training the trainers" and training educators in the use of computer technology in the classroom.

- PROGRAMS OR COURSES
  Computer-assisted learning.
- STAFF
  Staff have extensive experience in the computer science fields, adult learning and innovative instructural design.

CENTRE FOR INTERNATIONAL EDUCATION & BUSINESS

University of Calgary
2500 - University Drive NW
Calgary, Alberta T2N 1N4
Ph: (403) 220-7144/7700
Telex: 03-821545
Contacts: Dr. Talaat Abdel-Malek, *Director of International Business Division*
Dr. Mel Kerr, *Director of International Development Division*
Founded: 1986

The Centre was established at the University of Calgary to enhance the University's role in international education, research and exchange in collaboration with business and government. Offers short seminars and workshops, both standard and tailor-made, dealing with a wide range of managerial and development topics as well as technical topics. The Centre is also expanding its network of co-operation agreements with foreign universities.

- PROGRAMS OR COURSES
  Short-term (one day to three weeks) management seminars and workshops on various topics of international business. Will present tailor-made seminars or courses on business and trade opportunities focussed on specific sectors and/or countries and regions.
- STAFF
  Centre will draw on the University's expertise as well as expertise from the business community.

THE CENTRE FOR TRAINING AND DEVELOPMENT

123, 2723 - 37th Avenue NE
Calgary, Alberta T1Y 5R8
Ph: (403) 291-0981
Telex: 03-821907
Contact: Mr. Dennis M. Heinzlmeir, P. Eng., *General Manager*
Founded: 1983

The Centre for Training and Development is a member of a Canada-wide organization which has served over 5,000 clients over the past 25 years. The training programs focus on measurably improving the performance of managers, supervisors, and employees in the workplace. CTD helps organizations improve the clarity of their strategic and goal setting process for enhanced operational effectiveness, in addition to providing related and specialized training products and services.

- PROGRAMS OR COURSES
  Courses in management, supervisory leadership, sales, sales management, recruiting and selection, quality circles, time management, financial planning, communications (verbal and written).
- STAFF
  Seven program directors experienced in industry and training-related positions with education qualifications at the Bachelor/Master degree levels. Consultants have overseas training experience in several regions of the world.
- FACILITIES
  Two classrooms have capacity of 20 students each. Arrangements can be made for on-the-job training for six to eight people.
- TRAINING FEES
  (exclusive of living costs or room and board)
  Sixty-hour certificate of performance, tuition fee $1,995.00. Individual self-paced programs range from eight weeks to 16 weeks with tuition fees varying from $895.00 to $1,995.00.

DALCOR INNOVENTURES LTD.

1100, 10080 Jasper Avenue
Edmonton, Alberta T5J 1V9
Ph: (403) 424-7296
Telex: 037-41487
Contacts: Mr. John McDougall
Ms. Jill Sarvis
Founded: 1975

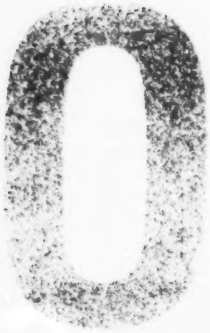
- PROGRAMS OR COURSES
  Project management, petroleum engineering, cost engineering, information management and electronic office.
- STAFF
  Staff have background in data processing, computer science, project management, petroleum engineering, and organizational development.

THE TRAINING GROUP INC.

Suite 202, 4220 - 98 Street
Edmonton, Alberta T6E 6A1
Ph: (403) 462-6365
Contacts: Mr. Jim Fish
Dr. Don Manuel
Founded: 1974

Specializes in the design, development and implementation of competency/performance-based training systems. The Training Group consultants and support staff provide a range of services including instructional design, graphic design, video scripting and computer based instruction and software development. Training systems are normally designed to be administered by the client, with the emphasis on the learner taking greater responsibility with self-paced instruction.

- PROGRAMS OR COURSES
  Human resource development and consulting. Training of trainers. Production of training tools, computer-based instruction, video scripting, etc. Training provided in wide variety of industries and technical fields. Experience includes a technical assistance training project in South America.
- STAFF
  Thirty full-time consultants and support staff with experience and background in a number of specialties.



OIL AND GAS TRAINING

ADAMS PEARSON ASSOCIATES LTD.

850, Bow Valley Square One
202 - 6th Avenue SW
Calgary, Alberta T2P 2R9
Ph: (403) 265-7226
Telex: 03-821172 CGY
Contact: Mr. Mike Adams, *President*
Founded: 1982

Training courses developed by Adams Pearson Associates emphasize the practical aspects of petroleum engineering applications. Well testing includes the latest analysis and techniques and stresses the value of accurate and complete data acquisition techniques. A comprehensive manual is provided with each course, complete with a full literature reference list.

- PROGRAMS OR COURSES
  Well Test Planning and Analysis - five days. Reservoir Engineering. Production Engineering courses.
- STAFF
  The principals have professional degrees in petroleum engineering and mining engineering, coupled with many years' experience in the oil and gas industry in Canada, USA, UK, Norway and Asia/Pacific.
- TRAINING FEES
  (exclusive of living costs or room and board)
  $500.00 for one-week course, $850.00 for two weeks.

ALBERTA PETROLEUM INDUSTRY TRAINING CENTRE (APITC)

10330 - 71st Avenue
Edmonton, Alberta T6E OW8
Ph: (403) 427-2768
Contact: Mr. Harvey Luedtke, *Acting President*
Founded: 1965 (*Training Centre of Alberta Advanced Education, Field Services Division*)

The Centre has complete training facilities for courses providing skills and techniques required in the drilling industry. An emphasis is placed on pre-employment training.

- PROGRAMS OR COURSES
  Pre-employment training for oil- field workers, rig worker upgrading, hydrogen sulphide alert, oil field first aid training.
- STAFF
  Seven instructors with extensive, practical experience in the oil industry.
- FACILITIES
  Classrooms accommodate up to 74 students in seminar rooms, practical labs and shops for oil rig assembly, maintenance, etc.

ALBERTA SUMMER INSTITUTE FOR PETROLEUM INDUSTRY DEVELOPMENT

The International Briefing Centre, Room 602 Student Union Building
University of Alberta
Edmonton, Alberta T6G 2J7
Ph: (403) 432-2958
Telex: 037-2979
Contact: Mr. Robin Coutts, *Director (Acting)*
Founded: 1982

The Summer Institute offers an eight-week program for overseas oil and gas industry professionals. In addition to topics of general concern, the program provides three specialized options that deal respectively with upstream, downstream, and management aspects of the oil and gas industry. In its first four years of operation the Institute trained 124 middle and senior management/professional level participants from 34 countries. The Institute has also organized short courses for participants in their own countries. The Summer Program is offered during the months of June and July. An option is provided in English as a Second Language during the month of May.

- PROGRAMS OR COURSES
  Summer Program: **Upstream**: exploration, hydrocarbon geology, drilling technology, production engineering, reservoir engineering and off-shore development. **Down-stream**: transportation and marketing, pipeline engineering, tanker transportation, gas processing and petroleum refining, petrochemicals and marketing mineral resource products. **Management**: management and policy development, training and manpower, organizational development, project development, energy policy development. The program has participation from oil and as professionals from around the world. ASIPID offered in-country seminars in Thailand with the National Petroleum Company of Thailand, 1984 through 1986.

- STAFF
  The Institute draws its staff from professionals in academic, private, and government sectors. All are specialists in oil and gas-related areas. Program instructors are either at the Ph.D. level and/or are authorities in their fields. The co-ordinating staff are specialists in cultural orientation to Canada, the facilitation of learning in a cross-cultural environment and training in English as a Second Language.
- FACILITIES
  ASIPID utilizes the physical resources of the University of Alberta and can can arrange for research programs which utilize the University's lab facilities. Petroleum industry companies, which co-operate in offering the program, also provide participants with exposure to the latest technology, software, recovery methods, etc.
- TRAINING FEES
  Program fees, which are inclusive of all living costs in Alberta, are $13,700.00 Canadian or $10,000.00 US for the eight-week Summer Program.

BALLATAR RESOURCES LIMITED

350, 736 - 8th Avenue SW
Calgary, Alberta
Ph: (403) 232-6772
Telex: 03-821172
Contact: Mr. Tim C. Presber, P. Eng. *Principal*
Founded: 1985

The Company provides training courses for artificial lift systems intended for practicing engineers and technicians. There is an emphasis on practical techniques dealing with inflow relationships, rod pumping, submersible design, gas lift, hydraulic pumping, new technologies and system selection.

- PROGRAMS OR COURSES
  Short courses provided on oil and gas economics. Artificial lift course is five weeks for foreign translation and two weeks if given in English. Course given in Peoples Republic of China, translated from English to Mandarin.
- STAFF
  Tim C. Presber, Principal, has 14 years of oil and gas industry experience in most aspects of oil production with special expertise in artificial lift systems, heavy oil recovery, oil and gas economics, and property evaluations.

BOW VALLEY INTERNATIONAL CONSULTING INC.

1800, 321 - 6th Avenue SW
P.O. Box 6610,
Postal Station "D"
Calgary Alberta T2P 3R2
Ph: (403) 261-6100
Telex: 03-824692 DVI CGY
Contact: Mr. George Shaw MacMillan, *Consultant*
Founded: 1986 (*A subsidiary of Bow Valley Industries Ltd., Calgary*)

Bow Valley Industries Ltd., the parent company of Bow Valley International, is a Canadian natural resource company engaged internationally in the exploration for and development of oil, natural gas, coal and minerals. The training of technical and professional staff is one of the main consulting services offered by Bow Valley International. Training curricula for management, operations and maintenance personnel are project-specific and custom-created in consultation with the client. Technology transfer is accomplished through intensive workshop programs and practical hands-on experience at either the site of the client's project or at one of Bow Valley International's facilities.

- PROGRAMS OR COURSES
  Practical training in all aspects relating to oil, gas and sulphur exploration, production and marketing. Research division is dedicated to sulphur production. Courses also given on waste management with respect to plant design, operations and training. Western Research, a division of Bow Valley Industries, has been conducting seminars/workshops on sulphur recovery in major sour gas locations throughout the world. Currently a senior engineer from the Ministry of Petroleum, China, is taking on-the-job training at Alberta facilities.
- STAFF
  Access to experienced professional staff of large oil and gas company.
- FACILITIES
  Special lab facilities for training in analytical work on sour gas and sulphur recovery methods. Special facilities for practical training in directional and slant hole drilling.

CANADIAN STRATIGRAPHIC SERVICE LTD.

3613 - 33rd Street NW
Calgary, Alberta T2L 2A7
Ph: (403) 284-1112
Contact: Mr. Roy Nishizaki, *Manager*
Founded: 1950 (*Subsidiary of American Stratigraphic Company, Denver, Colorado*)

The Company provides standard five-day courses in sample logging to acquaint geologists with logging techniques to develop a systematic method of describing drill cuttings and cores. The course allows participants maximum access for study of cores and drill-cutting samples.

- PROGRAMS OR COURSES
  Standard five-day log sample and core courses which have been given to 2,500 practising industry geological personnel over the past 35 years. Nationals from other countries have taken training in Alberta and the program has been conducted in Dhahran, Saudi Arabia.
- STAFF
  Petroleum geologists with over 25 five years experience in the petroleum industry and five years' experience in teaching logging course, and a geologist with six years' industry and two years' teaching experience.
- FACILITIES
  Classroom with 15 student capacity. Can handle up to four overseas students at one time.

CHALLENGER INTERNATIONAL SERVICES LTD.

1000, 715 - 5th Avenue SW
Calgary, Alberta T2P 2X6
Ph: (403) 269-3121
Telex: 03-825576
Contacts: Mr. Roy Allen, *President*
Mr. Ken McInnis, *Manager of Administration*
Founded: 1929

Challenger International Services Ltd. provides full range of operating crew training for all facets of drilling rig operations including equipment, operations, maintenance and safety. The training is conducted throughout the term of a project and will be progressively directed towards the more senior and responsible positions on the rig. Training involves both classroom and on-the-job sessions.

- PROGRAMS OR COURSES
  Oil and gas drilling and servicing technology, mineral drilling technology, management and supervisory training for drilling rig operations. Provided on-the-job training supplemented with video and workbook instructions in Libya, Egypt and Pakistan, and have trained foreign nationals in Alberta training facilities.
- STAFF
  Staff training coordinator and drilling and servicing instructors for mechanical, electrical and drilling aspects of rig operations. All staff have training experience.

D.B. ROBINSON & ASSOCIATES LTD.

9419 - 20th Avenue Edmonton, Alberta T6N 1E5
Ph: (403) 463-8638
Telex: 037-2966
Founded: 1976

This organization can provide training to the most advanced level on the properties and behaviour of reservoir fluids, pipeline fluids, or processing streams. This includes thermodynamic properties, phase behaviour, enhanced oil recovery techniques, gas conditioning, gas processing and many related topics. Training programs also deal with laboratory techniques, analytical procedures, equipment design, computer software development and other selected subjects. Program includes computer terminal experience using state-of-the-art computer software for hydrocarbon behaviour.

- PROGRAMS OR COURSES
  Courses on enhanced oil recovery using hydrocarbon or other miscible solvents, phase behaviour and properties of oil, gas and related materials.
- STAFF
  Company principals have Ph.D.'s in chemical engineering and have conducted extensive theoretical and experimental research work on oil and gas behaviour, as well as computer program development in gas treating and conditioning.

G. PYE SEMINARS

12320 Woodview Road SW
Calgary, Alberta T2W 2Y6
Ph: (403) 238-2413
Contact: Mr. Graham Pye

Specializes in training in geophysics at the technologist and introductory level. Offers a one to five-day course for geophysical technologists at any level and for non-technical members of the oil and gas industry.

- PROGRAMS OR COURSES
  Training in geophysics at the technologist level and introductory courses for non-technical personnel.
- STAFF
  Graham Pye has 11 years of geophysicist experience in oil and gas industry and five years of teaching experience in geophysics.

HUGH W. REID & ASSOCIATES LTD.

Main P.O. Box 581
Suite 200, 306 - 2nd Street SW
Calgary, Alberta T2P 2J2
Ph: (403) 262-1261
Telex: 03-821172 CGY
Contact: Mr. Hugh Reid, *President*
Founded: 1978

Hugh W. Reid & Associates Ltd. provides consulting services on drillstem test interpretation (DST) and training seminars on this subject, both industry-wide and company in-house. The course is unique in that it is offered by an independent consultant who is not connected to any service company.

- PROGRAMS OR COURSES
  Drillstem test (DST) interpretation for geologists and engineers - five day short course. This course has been presented in the United States, Australia, Indonesia, India, Egypt and Thailand.
- STAFF
  Hugh Reid has 19 years' experience and has presented DST courses world-wide for several years. He is past President of the Canadian Well Logging Society.
- TRAINING FEES
  (exclusive of living costs or room and board)
  $650.00 per person on an industry-wide course.
  $1,500.00 per day for company in-house.

HYCAL ENERGY RESEARCH LABORATORIES LTD.

1338A - 36 Avenue NE
Calgary, Alberta T2E 6T6
Ph: (403) 250-5800
Telex: 03-821172 CGY
Contacts: Mr. Doug Bennion
Ms. Maureen Acres
Founded: 1976

Training programs teach clients to design laboratory experiments and to interpret and utilize laboratory data. Company provides in-house training for overseas companies to perform studies, under supervision, utilizing their reservoir materials. Hycal has specialized equipment to study enhanced oil recovery processes and to study production problems relating to fines migration, clay swelling, sand control and simulation treatment. Numerical simulation is available for study of water flooding, thermal recovery, etc.

- PROGRAMS OR COURSES
  Enhanced oil recovery in the areas of laboratory research, reservoir engineering and numerical simulation. Worked on enhanced oil recovery projects in Peru and Madagascar and set up research facilities in Nigeria and Turkey.
- STAFF
  Staff have over 20 years' teaching experience in petroleum engineering, eighteen years teaching chemical engineering and fifteen years of training experience with laboratory technicians.
- FACILITIES
  One classroom to accommodate from 30 to 50 students and special laboratory facilities for investigation of enhanced oil recovery including steam flooding, steam stimulation, hydrocarbon miscible flooding, etc. and formation damage investigation.
- TRAINING FEES
  (exclusive of living costs or room and board)
  Forty-hour course: $1,000.00 (US).

HYPROTECH LIMITED

1700 Varsity Estates Drive NW
Calgary, Alberta T3B 2W9
Ph: (403) 288-1718
Telex: 03-821172 CGY
Contact: Dr. T. Vysniauskas, *Vice President*
Founded: 1975

Hyprotech Limited presents a short course (three to four days) on the design and modelling of natural gas processes. The course is designed for chemical engineers and/or process managers in the oil and

gas industry, who are using or considering the use of computer-aided engineering design programs for simulating separation processes. The course covers some of the underlying engineering and thermodynamic principles employed in the selection of various process flow schemes and provides hands-on experience with the application of a flow sheet simulator.

- PROGRAMS OR COURSES
  Computer-aided process design and modelling natural gas processes.
- STAFF
  Dr. W. Y. Svrcek is a professor of Chemical and Petroleum Engineering with the University of Calgary and a recognized expert in the areas of systems simulation and control. Dr. Svrcek is President of the company. Dr. Vysniauskas, Vice President of Hyprotech, is sessional lecturer at the University of Calgary. For the past eight years he has presented a (short) course at the University of Calgary and, more recently, in London, England.

INTERCOMP RESOURCE DEVELOPMENT & ENGINEERING LTD.

1000, 840 - 7th Avenue SW
Calgary, Alberta T2P 3G2
Ph: (403) 265-6550
Telex: 03824857
Contacts: Mr. Peter M. Stanton, *President*
Mr. Geoffrey M. Warren, *Marketing*
Founded: 1968 (*A subsidiary of Scientific Software - Intercomp Inc., Denver, Colorado*)

The Company specializes in oil and gas consulting, software applications and training. Intercomp coordinates training programs to meet specific developmental needs and has the ability to present all of its courses on an in-house basis. On-site training sessions have been presented for clients throughout North and South America, Asia, Africa, Europe and the Middle East. By using all of its resources - software products, technical consulting, and training - Intercomp can effect technology transfer that will enable client organizations to develop their people, solve their problems and do their work more effectively.

- PROGRAMS OR COURSES
  Oil and gas measurement, reservoir simulation, reservoir engineering, and petroleum economics. Recently trained foreign clients from Turkey, India, Libya and Pakistan at Calgary facilities and overseas at Abu Dhabi and Saudi Arabia.
- STAFF
  Highly-trained technical staff with extensive oil and gas industry experience in Canada and overseas, particularly in the Middle East.
- FACILITIES
  Classroom for 16 participants, a computer main frame and related petroleum software.

LEDUC SAFETY SERVICE LTD.

10330 - 71st Avenue
Edmonton, Alberta T6E OW8
Ph: (403) 437-3462
Contact: Mr. Marvin Weir, *President & General Manager*
Founded: 1982

Safety training company devoted to presenting courses oriented to the petroleum industry in western Canada. The company has classrooms located in Edmonton and courses are held each week. Leduc Safety provides training on location, including remote areas. Leduc employs qualified and experienced instructors working with up-to-date training aids to make the training program interesting and beneficial.

- PROGRAMS OR COURSES
  A practical, common-sense approach to well service blow out prevention, hydrogen sulphide alert, first aid and CPR, defensive driving and transportation of dangerous goods, special oilwell boiler.
- STAFF
  Company has three full-time instructors who are certified in first aid, H2S, CPR and blow out prevention. Company uses six part-time instructors with similar qualifications.
- FACILITIES
  Classroom units with space for 40 students.
- TRAINING FEES
  (exclusive of living costs or room and board)
  $400.00 instructor fee per day plus cost of manuals and certificate fee per student (typical class size of 20).

NORWARD ENERGY SERVICES LTD.

703, 1015 - 4th Street SW
Calgary, Alberta T2R 1J4
Ph: (403) 290-0264
Telex: 03-821396
Contacts: Mr. Jack R. Churchward, *President*
Mr. Robert K. Dear, *Training & Safety Manager*
Founded: 1976

Since 1981 Norward has conducted over 20,000 hours of in-house technical and safety training for well test operators. The combination of classroom and on-the-job training provides well testing personnel with the knowledge and practical skills to work on land or off shore. Classroom training consists of lectures and demonstrations supplemented by workshops. On-the-job training consists of structured practical experiences monitored through a field training plan. This program has been adapted to fit foreign operations. Norward is the only Canadian production well testing company offering a formalized training program on a full-time basis.

- PROGRAMS OR COURSES
  Specialized training programs for operators of production well testing equipment. Technical training programs for well test design and analysis personnel. Safety training for oil field personnel, H2S, first aid and CPR, accident prevention. Norward has worked in international training in Australia (including worker exchange) and in China, at the Daqing Technical Training Centre.
- STAFF
  Manager of Engineering has 16 years of oilfield experience and is responsible for technical sessions relating to the state-of-the-art engineering practices. Manager of training has seven years' instructional experience in technical training and safety training programs.
- FACILITIES
  One classroom with a 20-student capacity and all components of a production well test unit for workshop sessions dealing with equipment care and maintenance.
- TRAINING FEES
  (exclusive of living costs or room and board)
  Six day/50-hour course: $750.00.

NOVACORP NTERNATIONAL CONSULTING LTD.

P.O. Box 2535 Station M
801 - 7th Avenue SW
Calgary, Alberta T2P 2N6
Ph: (403) 290-6000
Telex: 038-21503
Contact: Mr. C. D. Richards, *Senior Vice-President*
Founded: 1973 (*a subsidiary of Nova, an Alberta Corporation*)

With 13,500 kilometres of operating pipeline facilities and some 30 years of pipeline owner/operator experience, Novacorp is able to offer a complete range of training services from short specific programs on topics such as SCADA to longer and broader programs covering all aspects of the pipeline industry. Classroom (theoretical) instruction and on-the-job (practical) instruction are combined into a training program tailored to each client's unique requirements. The content, format, duration and scheduling for each training program are determined with the client before a final priced proposal is submitted. Training can comprise any and all aspects of Novacorp's complete line of pipeline services.

- PROGRAMS OR COURSES
  Pipeline development including design, construction, operation, management and maintenance. Training in instrumentation controls and SCADA systems for pipeline networks. Related training for computer systems and software development. Training for all levels of management and supervision for the operation of pipeline systems.
- STAFF
  Novacorp utilizes senior design engineers, technical operations personnel, supervisory and management personnel to provide instruction. In addition to being experts in their respective fields all instructors have experience in providing training to overseas industry personnel and have presented courses in many countries including Australia, Thailand, Bahrain, China, Indonesia, Malaysia, Libya, Bangladesh, Japan, Finland, Sweden, Iran and Pakistan.

- FACILITIES
  Classroom facilities for 100 students and numerous labs including metallurical, welding, instrumentation/control, jet shops, etc. Novacorp's technical training centre in Alberta is equipped with a comprehensive library which can be supplemented by the larger corporate library.
- TRAINING FEES
  (exclusive of living costs or room and board)
  Tuition fees vary from $1,000.00 to $1,500.00 a week.

NOWSCO WELL SERVICE LTD.

1300, 801 - 6th Avenue SW
Calgary, Alberta T2P 4E1
Ph: (403) 261-2990
Telex: 03-821370
Contacts: Mr. Stan Baldwin, *Manager of Technical Training*
Mr. Lloyd Hooker, *Manager of International Sales*
Founded: 1962

In conjunction with the sale of equipment, Nowsco offers a complete package of operational skills training as well as technical instruction. Clients enter a field training program supervised by a Nowsco employee. Nowsco has hosted international students for periods of up to four months, providing training in technology and equipment operation for fracturing, acidizing, nitrogen and use of the endless tubing unit.

- PROGRAMS OR COURSES
  Courses in cementing, acidizing, hydraulic fracturing, nitrogen and carbon dioxide in the oil industry. Nowsco offers certificates based on performance and has trained personnel from India, Pakistan, Brazil and Hungary over the past two years. Nowsco has provided training in its specialized facilities in the UK and field training throughout the world.
- STAFF
  The manager of technical training has a number of years field experience as well as training experience. Other staff have combinations of practical and training experience.
- FACILITIES
  Classroom accommodation for up to 24 students and specialized labs with all associated testing equipment for product development, cementing, and stimulation. In addition to its training facility in Calgary, Nowsco has a training facility in Great Yarmouth, England.

N.W. MILLER & ASSOCIATES LTD.

750, 700 - 4th Avenue SW
Calgary, Alberta T2P 3J4
Ph: (403) 266-3556
Contact: Mr. Norman W. Miller, *President*
Founded: 1986

Offers education and training for the assessment of the economics of exploration development for new oil and gas reserves under conditions of significant technical and financial uncertainty. The course involves discussions of theory and numerous practical problems for solution by individuals and teams. Training emphasizes the interdependence of the technical and financial aspects of petroleum exploration through the application of specialized computer software to evaluate the financial risk of exploration.

- PROGRAMS OR COURSES
  Economic and financial feasibility analysis of oil and gas exploration and development under conditions of uncertainty. Application of computer software to the economic analysis of petroleum exploration and development.
- STAFF
  Norman Miller has presented 16 international seminars on exploration economics over the past four years.
- FACILITIES
  One classroom with student capacity of eight and library of specialized studies regarding development potential of Canadian frontier and various oil and gas fields around the world.

OILFIELD P.M. SERVICES INC.

R.R.5
Wetaskiwin, Alberta T9A 1X2
Ph: (403) 352-7194
Contacts: Mr. Gordon W. Lentz, *President*
Mrs. Deborha Lentz, *Vice President*
Founded: 1986

The Company provides tailor-made preventive maintenance training related to oilfield drilling equipment that will enable participants to identify and

repair minor stage equipment problems before major breakdowns occur. Participants will be able to plan and implement regular schedule maintenance procedures for drilling equipment as a result of the training course. Oilfield P.M. Services Inc. is working in conjunction with the International Education Department of the Southern Alberta Institute of Technology (SAIT) in offering a well-designed preventive maintenance program.

- PROGRAMS OR COURSES
  Development and training for maintenance and preventive maintenance programs of oil-well drilling equipment.
- STAFF
  Gordon Lentz has extensive field experience in preventive maintenance operations and training in Canada, South and Central America, the Middle East and South East Asia.

PETREL CONSULTANTS LTD.

Suite #565
800 - 6th Avenue SW
Calgary, Alberta T2P 3G3
Ph: (403) 233-0472
Telex: 03-822749
Contacts: Mr. Michael E. Doyle, *Vice President*
Ms. Elsa Huebner, *Training Director*
Founded: 1978

Offers a comprehensive and systematic training program for petroleum professionals based on exploration in the western Canada Sedimentary Basin. The program is open to geologists, geophysicists, engineers and landmen and the material covered in the program includes geology, geophysics, economics, land and exploration practice. In addition to its extensive short course listings for earth science professionals available in the Canadian exploration setting, Petrel is prepared to provide need assessments and to design custom programs for specific short courses addressed to specific training requirements.

- PROGRAMS OR COURSES
  Petrel offers a certificate program covering 63 instructional days. It can also offer overseas participants job attachments related to training for up to ten participants at one time. Field-trips are available on request for two and three day courses.
- STAFF
  The training program is managed by staff with extensive industry experience and high academic qualifications. All training staff are qualified and experienced in the oil and gas industry.
- TRAINING FEES
  (exclusive of living costs or room and board)
  Certificate program: $12,475.00.

PETROLEUM INDUSTRY TRAINING SERVICE

13, 2115 - 27th Avenue NE
Calgary, Alberta T2E 7E4
Ph: (403) 250-9606
Telex: 03-822806
Contact: Mr. Wayne C. Wetmore, Manager, *Training & Development*
Founded: 1961

The Petroleum Industry Training Service provides a wide range of petroleum industry upgrading or short courses for individuals already employed in the industry. These courses are scheduled on a regular basis throughout the year. Topical areas covered include production of oil and gas, pipelining, environmental aspects, drilling and well service, human resource development and safety, maintenance and gas plant operations. At the end of 1987 PITS will also provide a floor-hand pre-employment course utilizing an actual drilling rig. A new training centre valued at over $6.5 million is scheduled for completion in the fall of 1987. These facilities will provide PITS with a capability to undertake all aspects of applied training, particularly for courses requiring hands-on experience.

- PROGRAMS OR COURSES
  Oil and Gas production: pipeline, environmental, maintenance, drilling, well service, safety, human resource development, petroleum fundamental series, gas plant operations, heavy oil, correspondence courses, general petroleum.
  Management: supervisory methods, on-the-job training for safety, leadership and motivation. Have provided well control training course in Indonesia and deep well injection course in Columbia. Several correspondence courses provide certificates of performance in co-operation with the Southern Alberta Institute of Technology.

- STAFF
  Adult education specialist and five training coordinators in the respective areas of oil and gas production, drilling and well service, and environmental aspects. The Service has over 20 consulting instructors with experience and expertise in all segments of the upstream petroleum industry.
- FACILITIES
  Specialized lab equipment pertaining to the petroleum industry. The Service has a specialized library, reference books. Publishes and sells training-related material.
- TRAINING FEES
  For standard one to ten-day courses, fees vary from $80.00 to $200.00 per day of instruction. Certificates of attendance and certificates of performance are provided.

PETROPHYSICAL CONSULTANTS INTERNATIONAL LTD.

740 Bow Valley Square 2
205 - 5th Avenue SW
Calgary, Alberta T2P 2V7
Ph: (403) 262-7100
Telex: 038-21886 CGY
Contact: Mr. G.E. Dawson-Grove, *President & Chief Consultant*
Founded: 1976

- PROGRAMS OR COURSES
  Custom designed courses in analysis of petrophysical well logs.
- STAFF
  President has 30 years of practical specialization in oil and gas well evaluation. He has presented petrophysical courses at post secondary institutions and oil companies.

PORTATRAIN ON-SITE TRAINING LTD.

Box 88, 910 - 7th Avenue SW
Calgary, Alberta T2P 3N8
Ph: (403) 262-4887
Contact: Mr. R.B. (Robin) Edmond, *President*
Founded: 1980

Provides training services both in-house and through open or general seminars and workshops. The intent is to bring the training as close to the customer as possible. Portatrain utilizes technical consultants, design engineers, manufacturers/representatives and retired professionals to provide basic theory of operations and trouble-shooting techniques. The majority of the courses are designed to enhance and review effective working procedures for field operations. Through its "on-the-job training procedures program", Portatrain can assist with the development of a company's internal resources for the presentation of courses and the development of their own cost-effective training.

- PROGRAMS OR COURSES
  Introduction to petroleum technology. Introduction to field handling of natural gas and oil production. Drilling, completions and workovers. Gas plant operations, field instrumentation, etc. Has organized a basic instrumentation course in China as part of a World Bank-financed training program.
- STAFF
  Staff are individually recruited on the basis of their experience and qualifications for the specific training courses being presented. The Company has a list of consultants/instructors to package top-quality courses for all areas of the energy industry.

PORTEOUS ENGINEERING LIMITED

350, 736 - 8th Avenue SW
Calgary, Alberta T2P 1H4
Ph: (403) 232-6772
Telex: 03-821172 CGY
Contact: Mr. W. Robert Porteous, P. Eng., *President*
Founded: 1983

A training/consulting engineering organization, Porteous Engineering Limited provides courses on the topics of well completion, workovers, and drilling/production operations. All courses are accompanied by a full set of course notes. Hands-on problem-solving exercises are a major component of each course and courses can be presented with simultaneous or sequential translation.

- PROGRAMS OR COURSES
  Hydraulic fracturing and acidizing (five days), cementing technology (three days), formation damage (three days), formation sand control (three days), cementing technology and casing design (five days). Participants from the Peoples Republic of China and the USSR have received training. Course fees are available on request.

- STAFF
  Robert Porteous is a Petroleum Engineer with 30 years of petroleum engineering experience in Canada and overseas. He has provided in-company training since 1957 and professional-level course instruction for major companies, professional organizations and governmental agencies, both in Canada and overseas.

QUANTEL ENGINEERING (1981) LTD.

301, 12 Manning Close NE
Calgary, Alberta T2E 7N6
Ph: (403) 255-6401
Contact: Mr. S.S. Arrata, *President*
Founded: 1975

A Canadian oil and gas engineering firm specializing in off-shore and on-shore development activities. Staff have developed and taught reservoir, drilling and production engineering courses in Canada and around the world. Quantel has brought together a group of senior personnel with extensive oil industry experience and teaching expertise in order to present a full range of industry courses. Course manuals and/or reference material are provided for each course.

- PROGRAMS OR COURSES
  Reservoir engineering. Drilling engineering, completion and workovers. Production engineering. Surface production facilities, design and operations. Corrosion. Water treatment for oilfield applications, etc. Courses have been presented in Canada, USA, Australia, Malaysia, Libya and India.
- STAFF
  Professional engineers with extensive oil and gas industry experience and teaching experience ranging from six to ten years.
- TRAINING FEES
  Overseas one and two-week courses: $18,000.00 per week (Typically for groups of 25).

SERVIPETROL LTD.

P.O. Box 7010, Station E
Calgary, Alberta T3C 2L8
Ph: (403) 266-2535
Telex: 03-827538
Contact: Dr. Roberto Aguilera, *President*
Founded: 1980

Naturally fractured reservoirs hold large hydrocarbon reserves and represent potentially-attractive economic targets in exploratory ventures. Short course training provides a current, unique, and widely-tested approach to the evaluation of naturally fractured reservoirs and is designed specifically for the reservoir geologist, log analyst, reservoir engineer, and production engineer working or interested in this field.

- PROGRAMS OR COURSES
  Naturally fractured reservoirs. Course covers geological aspects, log interpretation, well testing, completion methods, fractured shales, primary and secondary recovery, and case histories. Courses have been presented in USA, South America, the Middle East, Europe, India and Japan.
- STAFF
  Roberto Aguilera, a Ph.D. in Petroleum Engineering, has developed various techniques for the evaluation of naturally fractured reservoirs. In addition to published articles in industry journals he is the author of Naturally Fractured Reservoirs (1980).
- TRAINING FEES
  (exclusive of living costs or room and board)
  $11,000.00 (US) for four day, $13,000.00 (US) for five day in-company courses. $990.00 (US) per person for open registration five day course.

SKM CONSULTING LTD.

826, 205 - 9th Avenue SE
Calgary, Alberta T2G OR4
Ph: (403) 233-9400
Telex: 03-821820
Founded: 1980

SKM Consulting Ltd. offers courses on natural gas processing, natural gas engineering, processing technology and project management.

- PROGRAMS OR COURSES
  Natural gas processing principles and technology. Natural gas engineering. Gas processing technology. Project definition and plant project management.
- STAFF
  Principals have extensive experience in teaching natural gas courses and have presented overseas courses in Thailand, England and Norway.

TEKNICA RESOURCE DEVELOPMENT LTD.

1100, 736 - 6th Avenue SW
Calgary, Alberta T2P 3T7
Ph: (403) 269-4386
Telex: 03-826725
Contact: Mr. John Prendergast, *Director of Export Development*
Founded: 1972

Digital processing of geophysical data and delineation of hydrocarbon reservoirs with synthetic sonic logs. Teknica's seislog method for stratigraphic evaluation of hydrocarbon reservoirs is a leader in the technology transfer field. The seislog method of processing and interpretation of seismic data is marketed with the value-added option of technology transfer. Client training is provided in Teknica's Calgary offices.

- PROGRAMS OR COURSES
  Since 1985, 35 visiting professionals have worked at Teknica's Calgary office with the length of training varying from three months to one year-depending upon the contract and technology transfer terms. These professionals have come from Pakistan, Hungary, Venezuela and China. Prearrival and departure arrangements have been managed by Teknica. Teknica has also provided training overseas.
- STAFF
  President Roy O. Lindseth and two other senior staff have extensive industrial experience as well as teaching experience at universities and colleges in Canada and the United States.
- FACILITIES
  Teknica's exploration data work-stations in its Calgary facilities are available for hands-on training. Teknica maintains a geological/geophysical library of textbooks, journals and atlases.
- TRAINING FEES
  (exclusive of living costs or room and board)
  Fees of $3,000.00 per month include certificates of attendance for participants.

TECHNIFLUIDS (DIVISION OF TRANS-CANADA RESOURCES LTD.)

200, 708 - 11th Avenue SW
Calgary, Alberta T2R OE4
Ph: (403) 231-9444
Telex: 038-24827
Contact: Mr. Dan Williamson, *Manager of Research & Development*
Founded: 1959

Mud management training is designed to improve the mud engineer's ability to solve problems efficiently. Drilling fluid management courses can be tailored to suit specific requirements. Course duration varies from two to three days (ie. overview of drilling fluids) to a four-week course designed to provide comprehensive training in drilling fluid technology. Specific topics such as clay chemistry, hydraulics, drilling fluid rheology, can be presented in short courses or included in the four-week comprehensive program.

- PROGRAMS OR COURSES
  Drilling fluid management and other specialized topics relating to drilling fluid function, work over and completion fluid systems (formulation, function and application).
- STAFF
  Staff's academic qualifications range from Bachelor to Ph.D. degrees and mud management instruction experience ranging from four to seven years.
- FACILITIES
  Classroom for 20 participants and laboratory facilities that include fully equipped drilling, work over and completion fluid laboratory. Special equipment includes particle size analysers, rheometers, gas chromatograph.
- TRAINING FEES
  (exclusive of living costs or room and board)
  $100.00 per day per person for short courses. $3,000.00 per month per person for a four-week course.

UPGRADE UNLIMITED

53266 Range Road 210
Ardrossan, Alberta T0B 0E0
Ph: (403) 922-3104
Telex: 0373366
Contact: Mr. Robert W. Lasby, P. Eng. *Principal*
Founded: 1982

Specializes in the development and presentation of in-house training programs for the upgrading and/or re-training of client staff in the areas of

oil/gas production corrosion control, water treatment, protective coatings and linings, coating inspection, and the training of sales/marketing staff for companies with corrosion control products. In addition to custom designed courses to meet the client's own specific training needs, The National Association of Corrosion Engineers (NACE) education and training courses are available for presentation on an in-house, contract basis for domestic and overseas firms. These courses emphasize the technical aspects of corrosion control, monitoring, and inspection procedures.

- PROGRAMS OR COURSES
  Short courses (two to four days in length) corrosion control in oil and gas production and pipelining, water flood corrosion control, protective coatings and linings, corrosion monitoring.
- STAFF
  Robert W. Lasby is a Consulting Corrosion Engineer and accredited NACE Corrosion Inspector. He has presented 56 custom-designed courses primarily of 4 1/2 day (34 hour) duration. Instructed corrosion control courses in Saudi Arabia.
- TRAINING FEES
  (exclusive of living costs or room and board)
  NACE courses $650.00 - $800.00 (US) minimum 24 students for a 34-hour course. Certificates of attendance (one to four-day courses): $200.00 - $250.00 (Cdn), minimum 15 students. Additional reference texts and printed material: $30.00 - $100.00 (Cdn) per course.

WESTBURNE DRILLING

535 - 7th Avenue SW
Calgary, Alberta T2P OY4
Ph: (403) 233-6600
Telex: 038-25629
Contact: Mr. Milt Deck
Founded: 1976 (*Subsidiary of Westburne International Industries, Calgary*)

Provides well control training for Westburne personnel and the personnel of other contractors and operators around the world. Training focuses on field operating conditions and hands-on experience is provided with IMCO Boss Pressure Controlled Simulator with continuous printout of stand pipe and casing pressure. Hydrogen sulphide training includes extensive hands-on training with protection and measurement devices and participants are taught how to inspect, sanitize and store equipment. Special emphasis is given to H2S in drilling operations.

- PROGRAMS OR COURSES
  Well control training, H2S training. Extensive experience with overseas training or training of foreign personnel in Alberta from countries in South East Asia, the Philippines, the Middle East, North Africa and Australia.
- STAFF
  Training co-ordinator has 15 years of adult education and teaching experience in blowout prevention, well control and H2S. Technical diplomas and university degrees to the Masters level.
- FACILITIES
  Classroom with 30 student capacity and pressure control simulator.
- TRAINING FEES
  (exclusive of living costs or room and board)
  Two to five-day courses: $550.00 per day.

WILLOWGLEN SYSTEMS LTD.

1, 1235 - 64th Avenue SE
Calgary, Alberta T2H 2J7
Ph: (403) 253-3051
Telex: 03-825630
Contact: Mr. Bryan Williamson, *Applications Engineer*
Founded: 1980

Programs are geared specifically to trainee operators of the Willowglen systems in the detailed use of the system. Methods of obtaining pertinent data and methods of controlling their operations, using the computerised remote control Willowglen system. Remote control sensing is also applicable for electric, water and telecommunications systems.

- PROGRAMS OR COURSES
  Training for operation and maintenance of the Willowglen system. Training certificates awarded on completion.
- STAFF
  Instructors are senior programmers and senior technicians with in-depth knowledge of the systems.
- FACILITIES
  One classroom with capacity of up to ten students and electronic test facilities.

OTHER SPECIALIZED TRAINING

ALTA TELECOM INTERNATIONAL (ATI)

220, 10025 Jasper Avenue
Edmonton, Alberta T5J 1S6
Ph: (403) 425-4262
Telex: 037-3911
Contacts: Mr. Bob Hiew
Mr. Charles Farrugia
Founded: 1981 (*Subsidiary of Alberta Government Telephones*)

ATI has programs and facilities covering a wide spectrum of training on telecommunications that range from presentation of AC/DC fundamentals to the more complicated subject of data transmission. As a subsidiary of Alberta Goverment Telephones, ATI has unlimited access to AGT's facilities, technical research and service delivery systems.

- PROGRAMS OR COURSES
  Telecommunications planning, engineering, maintenance, and project management. Certificates of attendance and performance are awarded for structured training courses which vary in length and cost $220.00 a day.
- STAFF
  Approximately 50 AGT trainers are available to ATI for international training. Trainers are engineers and technicians who have extensive background in telecommunications and training.
- FACILITIES
  Lab facilities for outside plant, mobile and data communication, software programming and telecommunications fundamentals are available, as well as specialized reference libraries with materials on all aspects of telecommunications.

ASSOCIATED MINING CONSULTANTS LTD.

1400, 910 - 7th Avenue SW
Calgary, Alberta T2P 3N8
Ph: (403) 264-9496
Telex: 03-821201
Contact: Mr. Alan L. Craven, *Manager*
Founded: 1976 (*Affiliated with Associated Engineering Group Ltd. Alberta and British Mining Consultants Ltd.*)

The Company provides training for operating mines personnel on mine maintenance, shotfiring, storage procedures and material handling, and management techniques. A comprehensive training program for underground mine foreman and seminars dealing with mine fire control.

- PROGRAMS OR COURSES
  Mining courses for shotfiring, preparation, coal mining and mine safety. Courses presented in the US and China.
- STAFF
  Staff have extensive experience in coal mine operations and consulting for the mining and minerals engineering sector. Academic qualifications in engineering and geology (Ph.D). Extensive experience in providing short seminars and training packages.

CANADIAN INTERNATIONAL TRAINING INSTITUTE FOR WATER RESOURCES (CITIWR)

4823 - 99 Street
Edmonton, Alberta T6E 4Y1
Ph: (403) 436-5868
Telex: 04-352848 VCR
Contact: Dr. Jac P. Verschuren
Founded: 1986

Provides training in effective management of water resources in developing countries. CITIWR incorporates the best of Canadian and international expertise in water resources including university educators, specialists in management, training and manpower development. The Institute also draws on practising professionals from industry, government and international funding agencies. The Institute's program is directed toward middle and senior management levels as well as technical/professional levels.

- PROGRAMS OR COURSES
  Drainage, water control, irrigation, river engineering and water resource planning and management. Training on the use of computers for water resource applications. Institute offers eight-week Certificate Program at a cost of $10,000.00 which includes living costs in Alberta.
- STAFF
  Jac Verschuren, acting Director of Certificate Program, has 33 years of Civil Engineering teaching experience at the University of Alberta and is Chairman of that university's department of Civil Engineering. All teachers and resource personnel have B.Sc. to Ph.D. degrees and most have overseas work experience.

C-FER: CENTRE FOR FRONTIER ENGINEERING RESEARCH

C-FER Building
University of Alberta
Edmonton, Alberta T6G 2E2
Ph: (403) 432-5108
Telex: 037-2966
Contact: Dr. Peter F. Adams, *President*
Founded: 1983

C-FER will receive one or two trainees interested in the training and the performance of research or in the establishment of a research centre and associated programs. Individual programs will be tailored to the needs of the trainee, including placement with private sector or government organizations, as appropriate.

- PROGRAMS OR COURSES
  Training in specific research methods, etc. related to downhole tubular systems and offshore structures. Research deals with structural, mechanical, and corrosion research and analysis as applied to specific research projects. Training in research management; establishment of centres and programs; linkages with government and universities.
- STAFF
  Peter Adams, President of C-FER, was Dean of Engineering at the University of Alberta, (1976-1984) and will be responsible for supervising on-the-job training. T. Collier, Vice President of C-FER was Dean of Business Administration at the University of Alberta until 1984, and will be responsible for administrative training.
- FACILITIES
  C-FER has specialized lab facilities for analysis of structural, mechanical and corrosion research and investigations. C-FER also has access to the University of Alberta's laboratory and library facilities.

COMMONWEALTH SEAGER GROUP

P.O. Box 9139 Station E
10720 - 20th Street
Edmonton, Alberta T5P 4K2
Ph: (403) 447-4565
Telex: 037-42794
Contact: Mr. R. B. Jones, *Manager of Marketing*
Founded: 1969

This organization's engineering expertise includes the design, installation and maintenance of all forms of cathodic protection in virtually all industrial markets and the design and implementation of gas leakage detection programs. Within the scope of this expertise, programs have been designed to train personnel on all facets of the technology from basic design through to maintenance. This training consists of classroom instruction and field application.

- PROGRAMS OR COURSES
  Five-day courses on basic corrosion, cathodic protection, corrosion overview, and corrosion coatings. Each course is $1,675.00 per student. Two-day gas leakage detection course is $950.00 per student. The group has provided training programs in Kenya in connection with a large cathodic protection installation at a fuel storage facility.
- STAFF
  The president and managers have extensive experience and have presented training programs to clients in the oil and gas, utility, and municipal services sectors regarding cathodic protection.
- FACILITIES
  Classroom space for ten students and a technical library with reference material on cathodic protection.

COMPU DRAFT SERVICES LTD.

620, 2424 - 4th Street SW
Calgary, Alberta T2S 2T4
Ph: (403) 228-3538
Contact: Mrs. Sunderland, *Managing Director*
Founded: 1980 (*Division of Sunderco Investments*)

Compu Draft Services has provided computer graphics services to Canadian and US markets for the past six years and has helped advance computer-aided design (CAD) technology.

- PROGRAMS OR COURSES
  Computer-aided design/drafting training on intergraph CAD system. Provides a 70 hour certificate course with student evaluations for $5,000.00. Can accommodate from four to eight overseas students.
- STAFF
  Senior manager is a Certified Systems Professional (CSP), B.Sc. (Honours) and graduate studies and has been CAD manager for seven years. Other instructional staff have from two to six years' experience in computer-aided design operations.
- FACILITIES
  Six CAD terminals/work stations operating 24 hours a day.

COOPERS & LYBRAND CONSULTING GROUP

Suite 2400 Bow Valley Square 3
255 - 5th Avenue SW
Calgary, Alberta T2P 3G6
Ph: (403) 260-2222
Telex: 03-825788
Contacts: Mr. Chris Phillips, *Principal* (Ph: 260-2132)
Mr. Gordon Pearce, *Partner* (Ph: 260-2131)

2500 Oxford Tower
10235 - 109 Street Edmonton, Alberta T5J 3N5
Ph: (403) 421-0121
Telex: 037-41572
Contact: Mr. David Simmonds, *Principal* (Ph: 421-3013)
Founded: 1956

Coopers & Lybrand Consulting Group provides focussed training in the full range of management disciplines, employing skilled Canadian professionals who possess the necessary backgrounds in both business and public sector management, and experience with course design and delivery. Staff have substantial international experience, with personal understanding of the cross-cultural learning process. Courses are designed to address the special needs of overseas participants, incorporating a custom blend of theory, case study, small group workshops, and interactive discussions. Whatever the industry focus the emphasis is on managing for results. Through their worldwide offices, Coopers & Lybrand can effectively support overseas training, while contributing valuable local insights to course materials and instructor/participant interaction.

- PROGRAMS OR COURSES
  Management: Economic forecasting; strategic planning; organizational analysis; financial management; policy developments and program evaluation; project management; materials management/procurement. Manpower planning and human resource management.
  Computer Systems: Management information systems; managing information technology; computer audits; micro-based end user computing; systems security and disaster recovery planning.
  Experience with training programs for oil and gas, mining, construction and food processing industries. Overseas training experience for clients in Thailand, South America and Africa.
- STAFF
  Coopers & Lybrand consultants are professionally qualified and experienced in accounting and auditing and have extensive project/consultancy experience in computer systems, economic and financial modelling, computer aided design, taxation and human resource management.
- FACILITIES
  Extensive libraries are maintained on specialized audit, accounting and tax subjects related particularly to the oil and gas industry as well as a more extensive collection of oil and gas industry materials.

CYCLONE ENGINEERING SALES LTD.

9719 - 60th Avenue
Edmonton, Alberta T6E OC4
Ph: (403) 436-1385
Telex: 037-3793
Contacts: Mr. Patrick M. Dea, P. Eng., *President*
Mr. Vipul Patel, P. Eng., *Assistant General Manager*
Founded: 1963

Training programs cover coal preparation engineering from process design to planning, construction, and operation. Includes training in the concepts of the manufacturing process for cyclones and specialized equipment for the coal industry demonstrating how the various components are manufactured, assembled, and tested. Training deals with laboratory analysis and pilot plant operations to provide an understanding of sampling and testing procedures for coal producers and purchasers. Included in the programs will be on-site visits to Western Canadian coal preparation plants, the University of Alberta Coal Research Facilities and other coal research facilities.

- PROGRAMS OR COURSES
  Coal mining and preparation. Laboratory and pilot plant training. Coal preparation design and operator training.
- STAFF
  The project manager, project engineer and laboratory supervisor have broad experience in the design, building and operation of coal preparation plants and in coal analytical laboratory.
- FACILITIES
  Coal testing laboratory and pilot plant and a specialized library of coal preparation books, articles and papers, etc.

THE DPA GROUP INC.

400 Monenco Place
801 - 6th Avenue SW
Calgary, Alberta T2P 3W3
Ph: (403) 298-4100
Telex:038-22636
Founded: 1973

The DPA Group specializes in community development, development of training programs and project appraisal. Community development involves planning, identifying funding sources, recruiting of volunteers, assessing and evaluating community development results. Training program development deals with training needs assessment, the preparation and implementation of appropriate training programs, and the evaluation of these programs in terms of results. Project apprasial incorporates benefits/cost analysis prepared according to the standards and criteria established by World Bank apprasials, including the social and developmental aspects of project development.

- PROGRAMS OR COURSES
  Community Development. Training Program Development. Project Appraisal and Cost Benefit Analysis and socio-economic impact assessment of projects.
- STAFF
  Staff have M.A. degree in Economics, Ph.D. in Economics and Business Administration and a M.Sc. in Clinical/Community Psychology. Experience ranges from development of training programs for northern native communities in Canada to project appraisal experience in Peru and Sri Lanka.
- FACILITIES
  Extensive library on community development, project appraisal, socio-economic impact assessment approach methods.

KOMEX INTERNATIONAL

206, 1615 - 10th Avenue SW
Calgary, Alberta T3C 0J7
Ph: (403) 244-6412
Telex: 03-821172 CGY
Contacts: Mr. F.B. Claridge, *Managing Director*
Mr. T.L. Dabrowski
Founded: 1977

Conducts training in all aspects of hydro-geology, wells, groundwater exploration and evaluation, ground-water development (wells, drainage galleries), aquifer restoration procedures, etc. Training programs have been offered in Columbia and Swaziland and overseas participants have come to Alberta from Ethiopia, India and Bangladesh.

- PROGRAMS OR COURSES
  Groundwater resource management in various applications for the oil and gas industry, open pit mining, and agriculture including environmental management.
- STAFF
  Staff have qualifications and experience in teaching groundwater management, application of computer systems and mechanics, instructional projects focused on technology transfer and training in all areas of soil testing.
- FACILITIES
  Lab facilities for testing basic soil properties and permeability.

K.R. NICHOL & ASSOCIATES LTD.

201, 17205 - 106A Avenue
Edmonton, Alberta T5S 1M7
Ph: (403) 963-4973
Telex: 037-41467
Contact: Mr. Ken Nichol, P. Eng., *President*
Founded: 1971

An independent group of consulting engineers and professional associates, K.R. Nichol & Associates Ltd. focusses on problem analysis and helps clients carry out recommended solutions. This group provides training and development services to business, government and industry, drawing on their professional experience in the areas of engineering, construction, manufacturing, marketing and sales.

- PROGRAMS OR COURSES
  Oil and Gas: Corrosion control technology. Industrial security training. Safety seminars. Instrumentation and oilfield maintenance. **Management Training**: Supervisory and management skills, interpersonnel and leadership skills, problem solving, team building and organization development. **Other**: Municipal water and sanitation. Construction and general contracting. Consulting engineering.
- STAFF
  Staff have experience in management, corrosion engineering and training, construction technology and training, safety training, instrumentation and oil field maintenance. Associates have worked in Libya, Middle East countries and China.

MHL INTERNATIONAL LIMITED

500, 1177 - 11th Avenue SW
Calgary, Alberta T2R 1K9
Ph: (403) 229-3666
Contact: Mr. M. Moriarity, P. Eng.
Founded: 1963

Management and engineering consultants with proven capabilities in the fields of agricultural, industrial, municipal, institutional and commercial design. The firm has extensive experience in economic evaluation studies and project management. MHL has completed over 2,000 projects with a combined value in excess of $2 billion. Individual project values have ranged from several thousand dollars to over 45 million.

- PROGRAMS OR COURSES

In conjunction with Fairview College has training expertise in livestock housing and production, crop production, storage and distribution, irrigation and water conservation, and various technical educational programs.

MONENCO LIMITED

400 Monenco Place
801 - 6th Avenue SW
Calgary, Alberta T2P 3W3
Ph: (403) 298-4170
Telex: 038-22636
Contact: Mr. R.L. Benson, *Vice President, Western Region*
Founded: 1969

Monenco's staff have provided seminars, courses and other training services for a wide range of engineering/technical management areas. It is the company's philosophy that instructors function most effectively if they are continuously gaining solid experience in the areas about which they teach; hence, Monenco draws instructors from the ranks of its skilled technical staff and provides them with training in teaching and presentation methods. In this manner the company has built up a staff of skilled personnel who are accustomed to lecturing and providing hands-on instruction to many different types of trainee groups. Training has been offered to participants from many overseas countries, either in Monenco's Calgary office or in the clients' overseas facilities. Monenco has experience in many types of training, including structured classroom presentation, hands-on training and transfer-of-technology programs using a counterpart system. Monenco's instructors are fluent in many European and Asian languages.

- PROGRAMS OR COURSES

Oil & Gas Industry: Project management and computerized control systems, planning and scheduling, cost control estimating, process technology, design engineering, construction management techniques, plant operation and off-shore marine technologies. **Other Resource Industries**: Power generation technology, load forecasting for electric utilities, hydrology and river basin planning, hydraulics, dam safety, geotechnical engineering, soil surveys and mapping, terrain analysis, soil analysis, agricultural production, data collection. **Computers**: Data base management, on-line systems, micro-computer applications, spacial analysis, series of courses on computer-aided design for applications at the basic and advanced levels. **Management Training**: Organization studies and cost/benefit analysis, project management and electronic communications. **Other**: Reclamation and environmental management. Occupational health and hygiene programs.

- STAFF

More than 30 engineers, research scientists, economists, and computer specialists, all with training experience. Instructors are practising professionals and training is practically oriented. Technology transfer and project related training have been provided in Grenada, (sewage treatment), Indonesia (agricultural/river basin planning) and the transfer of engineering and management knowledge for an on-the-job setting at a power plant, also in Indonesia.

- FACILITIES

Monenco Analytical Laboratories in Calgary provide analytical support services for industry and government. Chemical and physical testing of samples of water, soil, sediment, air, plant tissue, fish and industrial waste. These facilities are capable of measuring natural and man-made radioisotopes and carrying out research development studies on waste treatment and management, organic and inorganic compounds, industrial process studies, and radioactivity transport studies.

P

POST SECONDARY INSTITUTIONS

FAIRVIEW COLLEGE

Box 3000
Fairview, Alberta T0H 1L0
Ph: (403) 835-6600
Contact: Dr. Neil W. J. Clarke, *President*
Founded: 1951

Fairview College, located in northwestern Alberta, is a two-year technical, vocational residential institution specializing in agriculture and technical training. The agricultural programming includes animal health technology, livestock production, crop production, turf grass technology, beekeeping, etc. The College has experience in designing training to meet current skill levels and needs of participants from overseas countries. The College's tropical beekeeping and motorcycle mechanics programs are unique to Canada. Its English as a Second Language program is combined with occupational skill developments for micro computers, small equipment mechanics or commercial cooking.

- PROGRAMS OR COURSES
  Agricultural sciences in areas of animal health technology, turf grass management technology as well as farming practices and agricultural service industries. Business studies and accounting and administration with emphasis on local government administration and small business management. Full range of trades training at pre-employment, certificate and journeymen levels. Fairview College has engaged in at least one international effort per year over the last seven years and has had overseas students studying at the College from Uganda and Tanzania.
- STAFF
  One hundred and twenty instructional full-time staff, several of whom have teaching, administrative and education administrative experience in several African countries, Bolivia, India, Malaysia and the Philippines.
- FACILITIES
  Trades instructional workshops and labs and residential accommodation.

GRANT MacEWAN COMMUNITY COLLEGE

7th Street Plaza
10030 - 107 Street
Edmonton, Alberta T5J 3E4
Ph: (403) 441-4782
Contact: Mr. George Knight
Founded: 1971

The College has long been involved in designing and delivering tailor-made packages ranging from workshops to entire programs. These specialized offerings are given at clients' premises as well as regular campus locations. The College is in the process of developing a program that will be directed towards Alberta business-people to improve their international business skills as part of the College's Management Studies Program.

- PROGRAMS OR COURSES
  Micro computer management. **Management studies**: accounting, international business. College staff have experience with projects in Uganda and Malawi.
- STAFF
  One hundred full-time academic staff and 32 full-time instructional staff in the Business Division with either a professional designation or a Masters degree in area of specialization as a minimum requirement. College has 250 part-time instructional staff.
- FACILITIES
  A range of laboratory and special purpose instruction facilities for micro computers, language, visual arts, journalism, and nursing.

LAKELAND COLLEGE

Lakeland College
Vermillion, Alberta TOB 4MO
Ph: (403) 853-8400
Contact: Mr. Ted Sutton, *International Education Officer*
Founded: 1913

Lakeland is an interprovincial college serving the education needs of northeastern Alberta and north-western Saskatchewan. The College offers programs in agricultural sciences, business administration, design and drafting technologies, early childhood development, environmental sciences, heavy oil operations, technician & pre-employment programs.

- PROGRAMS OR COURSES
  Agricultural machinery, agricultural systems, animal health, herd health, crops and machinery. Business courses offered in accounting, agribusiness, appraisal and assessment, data-processing and management. Various trades training in electrical, motor mechanics, plumbing, industrial cooking, heavy oil operations. Aerial applications for crop and forestry management. Currently training students from Thailand in swine production and consulting in Thailand on crop protection methods.
- STAFF
  Approximately 107 instructional staff employed through the College.
- FACILITIES
  Specialized lab facilities, trades shops, agricultural facilities and residential accommodation. Computer hardware and software for monitoring aerial applications.

LETHBRIDGE COMMUNITY COLLEGE

3000 College Drive South
Lethbridge, Alberta T1K 1L6
Ph: (403) 320-3200
Contact: Dr. R. H. Balsdon, *Vice President, Academic*
Founded: 1965

The College has the second-largest enrollment in the Province of Alberta for students specializing in agricultural-related studies. Programs include animal and crop production, agricultural mechanics, watershed management and irrigation technology, meat processing, etc. The largest Agriculture Research Station in Canada is located in Lethbridge, and provides a community resource to the College. As well, the College has a agricultural building and 65 acres of land for crop and irrigation project work. The College offers an environmental science and law enforcement program. The trades division offers a wide range of apprenticeship programs in the areas of automotive, heavy duty equipment, agricultural mechanics, electrician, welding, sheet metal and carpentry.

- PROGRAMS OR COURSES
  Renewable resources: watershed management, renewable resource management, conservation enforcement and fish and wildlife technology. Agricultural technology: specializing in irrigation. Electronics technology and technician, computer science. Courses in rehabilitation services, recreation management, business administration, civil engineering technology, etc. The College is currently involved in an agricultural project in Kenya; is working with rehabilitation teachers in the Gaza strip (in co-operation with the University of Calgary); and is offering consulting services in China regarding national parks (in co-operation with the University of Alberta). Also provides training in English as a Second Language.
- STAFF
  One hundred and fifty full-time faculty with academic qualifications ranging from undergraduate to Ph.D. degrees. Trades training staff have appropriate trades qualifications.
- FACILITIES
  In addition to classroom facilities, the College has a 65-acre agricultural facility, 20 trade shops, 10 technology labs with lab facilities in automotive mechanics, electronics, computer-assisted drafting, hydraulics, etc. Library facilities have on-line data computer services, computer-managed learning facilities, inter-library loans, etc.

MOUNT ROYAL COLLEGE

4825 Richard Road SW
Calgary, Alberta T3E 6K6
Ph: (403) 240-6111
Contact: Ms. Judy Lathrop, *Dean, Faculty of Continuing Education & Extension*
Founded: 1911

Mount Royal College provides vocational training and university transfer level training. Numerous career programs are available for those who wish to prepare for employment, and the College can prepare custom-designed, continuing education programs in a wide variety of professional fields.

- PROGRAMS OR COURSES
  Petroleum geology. Water and air pollution related to environmental technology. Introductory electronics. Information systems and computer science. Telecommunications management certificate program. Diploma nursing. Aviation - commercial pilot training. Municipal and regional government planning. The College offers English as a Second Language and has assisted overseas students in preparations for university transfer.
- STAFF
  One hundred and seventy four full-time instructors and nearly 300 part-time. Preference in hiring is given to individuals with Ph.D.'s followed by those qualified with a Master's Degree.
- FACILITIES
  The College has a main campus and a downtown Calgary campus which has an IBM teaching laboratory. The College also has labs in biology, chemistry and a Commodore computer lab.

NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY

11762 - 106 Street
Edmonton, Alberta T5G 2R1
Ph: (403) 471-7524
Telex: 037-3768
Contact: Mr. Ken Ohashi,
Director, International Education & Technology Transfer
Founded: 1963

The Institute provides certificate and diploma programs, trades training, and continuing education (part-time). Since 1984, NAIT has had an office of International Education & Technology Transfer.

- PROGRAMS OR COURSES
  Petrochemical and petroleum engineering technologies. Instrumentation engineering technology. Earth resources technology (mineral engineering, petroleum exploration, water resources, forest technology). Programs in electronics and computer systems including telecommunications engineering.
- STAFF
  NAIT has over 700 instructional staff. Experience in designing technical institutes and providing teacher training in overseas locations.
- FACILITIES
  In addition to classrooms, laboratories and shops, NAIT has unique laboratories related to petroleum training that are equipped with simulators. Electrical laboratories include computer-aided design for drafting and chip design.

OLDS COLLEGE

P.O. Bag #1
Olds, Alberta TOM 1P0
Ph: (403) 556-8200
Telex: 03824794
Contact: Mr. Jim Fenton,
Manager, International Projects
Ms. Gwen Koppang,
Administrative Assistant
Founded: 1913

Located 90 kilometres north of Calgary, the Olds College campus is situated on a large farm. It is well equipped and stocked to meet all the needs of agricultural instruction and applied research. The primary mission of Olds College is to provide current quality education, training and services for people who are involved directly and indirectly in agricultural endeavours.

- PROGRAMS OR COURSES
  Programs in agronomy, horticulture and agricultural production. Land agent program relative to oil and gas industry. Training and courses provided in teleconferencing, distance learning and computerized learning. Vocational training and apprentice-ship programs also provided. Presently there are students from Thailand and Costa Rica and the College has a four-year contract to train students from China. Staff have been involved in training needs studies in Columbia, Costa Rica and Thailand as well as technical assistance in Nicaragua and curriculum development in China.

- STAFF
  Specialists in most areas of agriculture-related technology, with educational qualifications at the diploma or university degree level (up to Ph.D.), as well as extensive experience.
- FACILITIES
  International programs run from August to July under special contract instruction. The College has a 500 hectare farm site, soil labs, plant labs, greenhouses and joint research facilities.

RED DEER COLLEGE

Box 5005 Red Deer College
Red Deer, Alberta T4N 5H5
Ph: (403) 342-5500
Contact: Dr. Donna J. Allan,
Academic Vice President
Founded: 1964

This comprehensive community college offers a full range of programs from basic literacy to university-level courses for transfer of credit to degree-granting institutions. Formal certificate and diploma programs in technical and trades training areas vary in length from 8 months to 22 months. In addition, management development courses meet the needs of local business and industry. The College has a recently-completed Performing Arts Centre with up-to-date equipment. Seven academic divisions are staffed to provide short program/course training for business and industry.

- PROGRAMS OR COURSES
  Short courses in technical training,service sector employment, computer technology, business administration, biological sciences technologies including pharmacy technician and nursing. The College offers an extensive English as a Second Language (ESP) program.
- STAFF
  Two hundred full-time staff. Journeymen qualifications in all instructed fields of technical training, graduate degrees for all career development programs and university transfer programs. Staff have experience in providing training in several African countries (Uganda, Kenya, Malawi) and waterwell drilling in Indonesia.
- FACILITIES
  Excellent classroom facilities and a Fine and Performing Arts Centre. Laboratory facilities for sciences, nursing, computers and vocational apprenticeship programs in carpentry, electrical, plumbing, automotive, autobody welding, etc. A Library Resources Centre for support at all levels up to second-year university.

SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY

1301 - 16th Avenue NW
Calgary, Alberta T2M OL4
Ph: (403) 284-7063
Telex: 03-821989
Contact: Mr. R.H. Jewison,
Vice President, International Education

SAIT offers over 55 full-time credit programs in the applied arts, trades, engineering technology and medical sciences and has an annual enrollment of 5,500 students. Studies prepare students for employment in specific areas following two-year diploma programs and one-year certificate programs. SAIT specializes in the development and delivery of courses, seminars and workshops for employee upgrading in business and industry.

- PROGRAMS OR COURSES
  Petroleum technology offers specializations in drilling, geology, reservoir, and production. Computer technology has a programming orientation. Electronics engineering technology deals with analysis and design. Industrial electronics technology focusses on installation and maintenance. Telecommunications engineering technology is oriented toward design and maintenance aspects. Business administration has majors in accounting, marketing, administration, hotel and restaurant administration. SAIT can assist in organizing company attachments for on-the-job experience. SAIT has recently been active in petroleum industry training for participants from the People's Republic of China with courses offered both in China and Alberta.

- STAFF
  SAIT has nearly 900 instructional staff specializing in a wide variety of trades areas and academic disciplines.
- FACILITIES
  Has a wide range of teaching lab facilities for practical hands-on training experiences. SAIT'S instructional facilities are usually available from June to August each year.

UNIVERSITY OF ALBERTA

Rm. 3-12 University Hall,
The University of Alberta
Edmonton, Alberta T6G 2J9
Ph: (403) 432-3213
Contact: Dr. Brian L. Evans,
Associate Vice President (International Affairs)
Founded: 1908

The University of Alberta provides training programs in a wide variety of areas. Among others, the Faculties of Engineering, Agriculture and Forestry, Business, Home Economics, Education and Medicine have been active in such programs for many years. In addition, the Faculty of Extension and the International Briefing Centre have conducted short-term programs leading to certificates of performance and of attendance. The University has been the site for short courses dealing with water resources, teacher training, management, English as a Second Language, etc. In co-operation with the petroleum industry and various Alberta government departments, the University offers an eight-week summer program on petroleum topics for overseas participants.

- PROGRAMS OR COURSES
  Faculty of Engineering, Alberta Summer Institute for Petroleum Industry Development (ASIPID), Centre for Frontier Engineering Research (C-FER), Centre for International Education and Development, etc. Comprehensive services for foreign students are offered through the office of International Students and the International Briefing Centre. Overseas training has been provided in Kenya (management), China (management and human resource training), Thailand (education and petroleum short courses) Brazil (management, engineering, home economics).
- STAFF
  Approximately 2,000 full-time professional staff and 500 part-time staff. Majority of full-time staff have advanced degrees to the Doctoral level. Through their departments and faculties, staff members have provided specialized short-term training programs for students from other countries.
- FACILITIES
  Classroom space available only from May to the end of August and requires prior arrangement. Complete range of lab facilities in sciences, engineering, medicine, etc. Labs operate year-round and overseas participants would benefit from this on-going operation. The University of Alberta's library collection is recognized as among the better collections in North America with total number of volumes approaching 2.8 million and 21,000 newspaper and periodical titles.

UNIVERSITY OF CALGARY

2500 - University Drive NW
Calgary, Alberta T2N 1N4
Ph: (403) 220-6580
Telex: 038-21545
Contact: Dr. Lorna Cammaert,
Associate Vice President (Academic)
Dr. Bruce Hamilton, *Dean, Faculty of Continuing Education*
Founded: 1966

The University has approximately 20,000 students in 16 faculties enrolled in four-year degree programs leading to Bachelor of Arts, Science, or Commerce degrees as well as Masters and Ph.D level studies.

Seminars and short courses (from one day to three weeks) are offered through the faculty of Continuing Education and the Centre for International Education and Business. These seminars and short courses relate to oil and gas technology and exploration, various aspects of business management, computer and telecommunications technology. Short courses and seminars of interest to overseas participants can be modified to meet their special requirements.

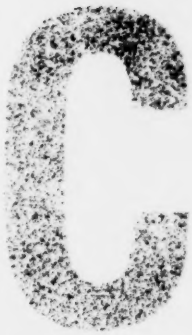
- PROGRAMS OR COURSES
  Oil and gas, wide variety of specialized seminars and short courses designed for practising professionals. Seminars and special short courses relating to tar sands and coal mining. Wide variety of short non-degree courses for computer and micro-electronic training including telecommunications. Seminars and short courses for management training with specific applications from personnel to finance. More general short courses in legal and business areas to provide understanding of the Canadian business environment.
- STAFF
  Academic staff of 1,255 the majority with doctorate degrees. University has a full-time C.I.D.A. co-ordinator and international student advisor to provide support to international students, both full-time and part-time. University has provided overseas training in Nepal, Gaza, and faculty members have recently worked in Indonesia, Ghana and China.
- FACILITIES
  Modern classroom facilities and laboratories for engineering, chemistry, biochemistry, biology, computer science and languages. In addition to large central library there are specialized libraries for geology, medicine, environmental sciences and law.

WESTERRA INSTITUTE OF TECHNOLOGY

Box 5000, 4813 - 47 Avenue
Stony Plain, Alberta TOE 2GO
Ph: (403) 963-1000
Contact: Mr. Stuart Ross, *Vice President, Program & Learning Systems*
Founded: 1982

Located in the town of Stony Plain, 30 kilometres west of Edmonton, Westerra offers one-year certificate and two-year diploma programs in areas such as water and waste water technician, computer engineering technologist, electrical maintenance technician and gas distribution technician. The Institute works with business and industry to identify specific training needs and design courses to satisfy those needs. Westerra is prepared to accommodate training of foreign students and will search out training with other Alberta institutions for programs it does not offer. In addition to traditional on-campus methods the Institute employs computer-based learning as well as outreach programs, telephone tutorials and self study.

- PROGRAMS OR COURSES
  Metal fabrication technician for manufacturing support to the oil and gas industry. Gas distribution technician. Computer engineering technology and micro computer short courses. Electrical maintenance technician. Printing and graphic arts. Small business sector directs entrepreneurial business courses. A municipal business management course is under consideration. Westerra presently has a project for a number of students from Belise to study various municipal-related disciplines.
- STAFF
  Forty-six full-time staff with certificates and degrees ranging from Alberta journeymen level to Masters' degrees in Engineering, Business and Education. Part-time staff complement programming needs.
- FACILITIES
  Westerra has laboratories for training in micro electronics manufacturing, computers, graphic arts, water and waste water treatment.



COURSE INDEX

ARTIFICIAL LIFT SYSTEMS

6 Ballatar Resources Limited

BLOW OUT PREVENTION

9 Leduc Safety Service Ltd.

COAL MINING/PREPARATION

17 Associated Mining Consultants Ltd.

19 Cyclone Engineering Sales Ltd.

COMPUTER AIDED DESIGN

18 Compu Draft Services Ltd.

8 Hyprotech Limited

21 Monenco Limited

COMPUTER COURSES/DATA PROCESSING

1 Alphatel Systems Ltd.

19 Coopers & Lybrand Consulting Group

18 Compu Draft Services Ltd.

8 Hyprotech Limited

15 Teknica Resource Development Ltd.

16 Willowglen Systems Ltd.

CONSTRUCTION MANAGEMENT

20 K.R. Nichol & Associates Ltd.

21 Monenco Limited

CORROSION

18	Commonwealth Seager Group
20	K.R. Nichol & Associates Ltd.
15	Upgrade Unlimited

DRILLING

5	Alberta Petroleum Industry Training Centre
7	Challenger International Services Ltd.
11	Oilfield P.M. Services Inc.
12	Petroleum Industry Training Service
16	Westburne Drilling

DRILLING FLUID MANAGEMENT

15	Technifluids

DRILL STEM TEST ANALYSIS

8	Hugh W. Reid & Associates Ltd.

ECONOMICS/OIL AND GAS

6	Ballatar Resources Limited
9	Intercomp Resource Development & Engineering Ltd.
11	N.W. Miller & Associates Ltd.

EDUCATION & TRAINING

22 Fairview College

22 Grant MacEwan Community College

22 Lakeland College

23 Lethbridge Community College

23 Mount Royal College

24 Northern Alberta Institute of Technology

24 Olds College

25 Red Deer College

25 Southern Alberta Institute of Technology

26 University of Alberta

26 University of Calgary

27 Westerra Institute of Technology

ELECTRIC POWER GENERATION

21 Monenco Limited

ENHANCED OIL RECOVERY

7 D.B. Robinson & Associates Ltd.

8 Hycal Energy Research Laboratories Ltd.

14 Servipetrol Ltd.

EXPLORATION

11 N.W. Miller & Associates Ltd.

12 Petrel Consultants Ltd.

FLUIDS TESTING

7 D. B. Robinson & Associates Ltd.

GEOPHYSICS

8 G. Pye Seminars

GROUNDWATER RESOURCES

20 Komex International

HYDRAULIC SYSTEMS

3 Canada Training Group Inc.

21 Monenco Limited

HYDROLOGY

17 Canadian International Training Institute For Water Resources

21 Monenco Limited

INSTRUMENTATION

20 K.R. Nicol & Associates Ltd.

10 Novacorp International Consulting Ltd.

16 Willowglen Systems Ltd.

LOG INTERPRETATION AND ANALYSIS

7 Canadian Stratigraphic Service Ltd.

15 Teknica Resource Development Ltd.

MANAGEMENT TRAINING

3 Centre For International Education & Business

19 Coopers & Lybrand Consulting Group

20 K.R. Nichol & Associates Ltd.

13 Portatrain On-Site Training Ltd.

1 The Banff Centre School of Management

2 The Banff School of Advanced Management

4 The Centre For Training & Development

NATURAL GAS PROCESSES

8 Hyprotech Limited

10 Novacorp International Consulting Ltd.

14 SKM Consulting Ltd.

NATURALLY FRACTURED RESERVOIRS

6 Bow Valley International Consulting Inc.

14 Servipetrol Ltd.

PIPELINES

10 Novacorp International Consulting Ltd.

15 Upgrade Unlimited

PREVENTIVE MAINTENANCE

11 Oilfield P.M. Services Inc.

PRODUCTION ENGINEERING

5 Adams Pearson Associates Ltd.

PROJECT APPRAISAL

20 The DPA Group Inc.

21 MHL International Limited

21 Monenco Limited

RESERVOIR ENGINEERING/EVALUATION

5 Adams Pearson Associates Ltd.

9 Intercomp Resource Development & Engineering Ltd.

14 Quantel Engineering (1981) Ltd.

SAFETY

5 Alberta Petroleum Industry Training Centre

9 Leduc Safety Service Ltd.

10 Norward Energy Services Ltd.

SOUR GAS/SULPHUR PRODUCTION

6 Bow Valley International Consulting Inc.

TELECOMMUNICATIONS

17 Alta Telecom International

TRAINING PROGRAMS

5 Alberta Summer Institute for Petroleum Industry Development

1 Alphatel Systems Ltd.

2 Basic Manpower Training International Ltd.

4 Dalcor Innoventures Ltd.

21 MHL International Limited

13 Portatrain On-Site Training Ltd.

13 Porteous Engineering Limited

14 Quantel Engineering (1981) Ltd.

4 The Training Group Inc.

WATER RESOURCES

17 Canadian International Training Institute For Water Resources

20 Komex International

21 Monenco Limited

WELL CONTROL

11 Nowsco Well Service Ltd.

13 Porteous Engineering Limited

16 Westburne Drilling

WELL LOGGING

13 Petrophysical Consultants International Ltd.

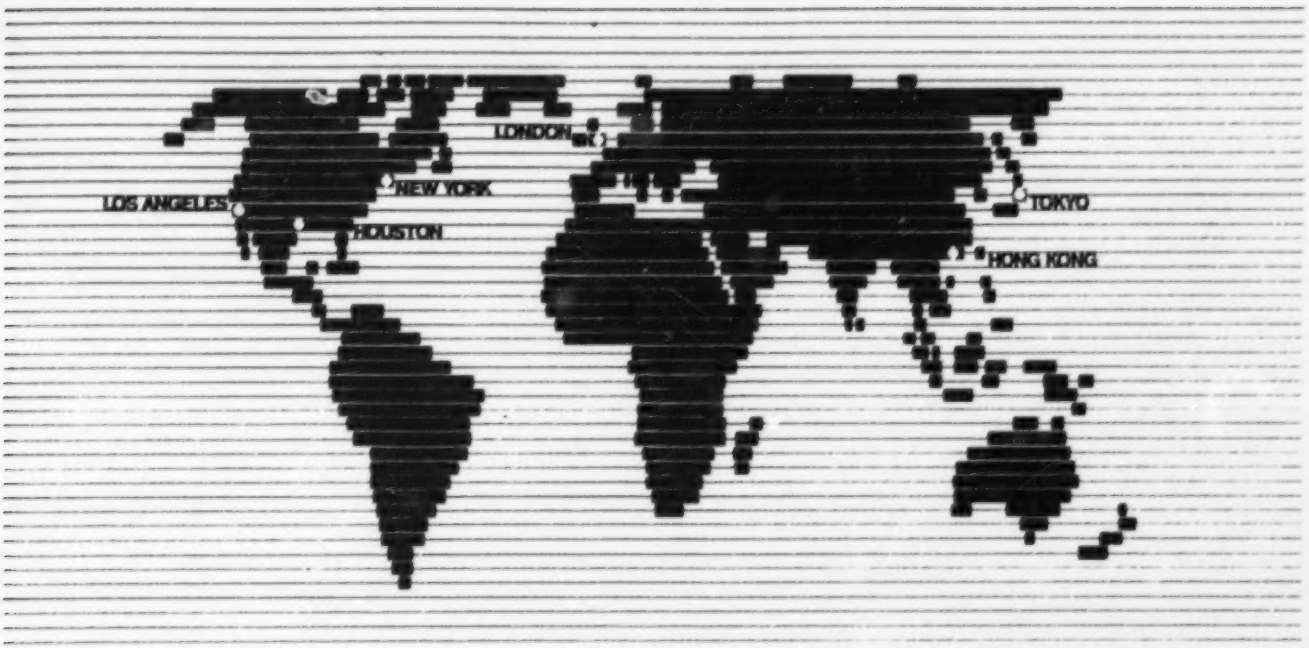
15 Teknica Resource Development Ltd.

WELL SERVICE

10 Norward Energy Services Ltd.

11 Nowsco Well Services Ltd.

13 Porteous Engineering Limited



International Representatives

The Alberta government maintains offices in strategic locations around the world. Our foreign office representatives can provide all the information required to initiate commercial or technological exchanges. They can also introduce potential investors to the unlimited opportunities available within the province of Alberta. Feel free to use their services.

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